

1 - Biomass Feedstock

RMs 8491, 8492, 8493, and 8494 are for use in evaluating the composition of lignocellulosic materials.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

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SRM	Description	Unit Size	95 % Ethanol Extractives	Acetyl	Acid-Insoluble Residue	Acid-Soluble Lignin	Arabinan	Extractives-Free Ash	Galactan	Glucan	Mannan	Nitrogen (N)	Structural Sugars	Sucrose	Total Component Closure
8491	Sugarcane Bagasse Whole Biomass Feedstock	50 g	1.79 %	3.19 %	20.9 %	2.4 %	1.49 %	3.45 %	0.28 %	40.5 %	0 %	0.21 %	65.56 %	0.1 %	102.4 %
8492	Eastern Cottonwood Whole Biomass Feedstock	50 g	1.54 %	3.3 %	24 %	2.2 %	0.35 %	0.741 %	0.55 %	44.6 %	2.16 %	0.17 %	61 %	0.045 %	99.4 %
8493	Monterey Pine Whole Biomass Feedstock	50 g	1.44 %	1.4 %	25.6 %	1.4 %	1.09 %	0.17 %	1.89 %	43.7 %	10.31 %	0.16 %	62.8 %	0.03 %	100.2 %
8494	Wheat Straw Whole Biomass Feedstock	50 g	2.01 %	2.04 %	15 %	2.7 %	2.24 %	6.46 %	0.62 %	33.61 %	0 %	0.54 %	56.3 %	1.35 %	100.9 %

- Certified values are normal font
- Reference values are italicized
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Total Lignin	Water Extractives
<i>24.4 %</i>	<i>4.1 %</i>
<i>27.2 %</i>	<i>2.9 %</i>
<i>28.2 %</i>	<i>3.68 %</i>
<i>18.1 %</i>	<i>15.1 %</i>

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